



HÖGSKOLAN I GÄVLE

Degree Project for a Masters in Geospatial Information Science 30 cr

Examensarbete för masterexamen i geospatial informationsvetenskap 30 hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at

Valid from

9/25/18

VT2019

Level	A2E
Education level	Second cycle
Course identifier	SBA805
Credits	30 cr
Main field of study	Geospatial Information Science
Subject group	Geographic Information Technology and Surveying
Disciplinary domain	Technology 100.0 %

Learning outcomes After completion of the course the student shall be able to

Knowledge and understanding

1. demonstrate good competence in information literacy, including understanding of relevant scientific literature within the main field of study (geospatial information science), as well as to use this literature in a correct manner in the thesis
2. present the research field including applicable methods and being able to put the student's own research in a wider context

Competence and skills

3. demonstrate capacity to critically and independently identify, problematise and formulate research questions within the main field of study
4. identify the further knowledge the student needs, and independently plan and with adequate methods execute a degree project within a given time frame
5. write a thesis in accordance with established scientific tradition (e.g. follow IMRaD-style, etc.), and demonstrate good proficiency in oral and written communication
6. synthesize the content of the thesis to a poster (equivalent to a scientific conference poster)

7. contribute to a deepening and an accumulated knowledge of the main field of study, as well as demonstrate insight and a critical approach to the student's own scientific work

Judgement and approach

8. critically review and evaluate the work of others

9. demonstrate the ability to within the main field of study make assessments with regard to relevant ethical and societal aspects, and follow scientific good practice.

Course content	Project proposal Project-specific studies (possibly including field work) Thesis writing Poster production Defense of thesis Opposition of other student's thesis and presentation Participation in seminars
Teaching	Project supervision and seminars
Prerequisites	Approved courses of minimum 75 credits in the master's programme in Geospatial information science, including Methods Tool Course for Geospatial Information Science, 5 credits, and GIScience seminar, 5 credits, or equivalent.
Examination	Independent Degree Project 0010 Independent Degree Project 30 credits, Grades: A-F (Learning outcomes 1-9)
Grade	A, B, C, D, E, Fx, F
Limitations	For degree project work performed in industry or equivalent, rights to e.g. patents and ownership, have to be stated in a written agreement before starting the work
Other regulations	Grading criteria will be given by course responsible or examiner at the beginning of the course The independent degree project contains: Project proposal 3 cr, Grade: UG (learning outcome 1-4, 7-9) Seminars incl. oral presentation and opposition 3 cr, Grade: UV (learning outcome 5, 8) Written report 23 cr, Grade: AF (learning outcome 1-8) Poster 1 cr, Grade: UV (learning outcome 6)
Sustainable environment	Content with sustainable development is not relevant to this course.
Module	0010 Independent Degree Project 30 cr Grade: AF